

# NORTH DAKOTA CROP, LIVESTOCK & WEATHER REPORT



USDA, NASS  
North Dakota  
Field Office

Cooperating With:  
NDSU EXTENSION SERVICE,  
FARM SERVICE AGENCY,  
ND AG WEATHER NETWORK (NDAWN)  
and  
UND AEROSPACE REGIONAL WEATHER  
INFORMATION CENTER

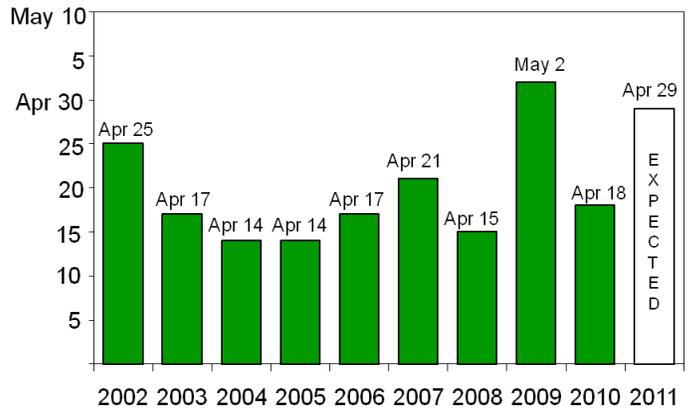
Released: April 4, 2011  
For Week Ending: April 3, 2011  
ND-CW1411

**General:** The average starting date for fieldwork is expected to be April 29, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. This date is ten days later than both last year and the five-year (2006-2010) average. The expected starting dates across the state ranged from April 23 in the south central district to May 5 in the north central district. Reporters primarily expressed concerns related to wet field conditions as snowmelt continued and precipitation occurred in some areas. Topsoil moisture supplies were rated 1 percent short, 49 adequate, and 50 surplus while subsoil moisture supplies were rated 1 percent short, 63 adequate, and 36 surplus.

**Crops:** Respondents said warm, dry weather is needed before significant progress can be made planting crops. Activities during the week included marketing grain, as road conditions permitted, and preparing equipment for fieldwork.

**Livestock:** Some reporters noted concerns about livestock health and the availability of dry land for calving and lambing. Calving was 44 percent complete, while lambing was 60 percent complete. Cow conditions were rated 2 percent poor, 20 fair, 70 good, and 8 excellent. Calf conditions were rated 2 percent poor, 21 fair, 69 good, and 8 excellent. Sheep conditions were rated 3 percent poor, 19 fair, 69 good, and 9 excellent. Lamb conditions were rated 3 percent poor, 24 fair, 65 good, and 8 excellent. Shearing was 73 percent complete. Hay and forage supplies were rated 1 percent very short, 9 percent short, 82 adequate, and 8 surplus. The grain and concentrate supply was rated 1 percent very short, 6 short, 88 adequate, and 5 surplus. Pastures and ranges were rated 99 percent still dormant.

## Average Start Date for Fieldwork North Dakota



**Soil Temperatures:** On April 3, average soil temperatures ranged from a low of 31 degrees F in Baker, Bowbells, Carrington, Dazey, Fargo, Rolla, Turtle Lake and Watford City to a high of 33 degrees F in Bowman. Last year on April 4, average soil temperatures ranged from 36 degrees F to 47 degrees F. These readings reflect daily average temperatures under 4 inches of bare soil recorded by the North Dakota Agricultural Weather Network (NDAWN).

### Average Soil Temperatures\*: April 3, 2011

Station	Temperature (degrees F)	Station	Temperature (degrees F)
<b>NORTHWEST</b>			
Bowbells.....	31	CENTRAL	
Minot.....	32	Carrington.....	31
Williston.....	32	Robinson.....	32
<b>NORTH CENTRAL</b>			
Baker.....	31	Streeter.....	32
Bottineau.....	32	<b>EAST CENTRAL</b>	
Rolla.....	31	Dazey.....	31
<b>NORTHEAST</b>			
Cavalier.....	32	Fargo.....	31
Grand Forks.....	32	<b>SOUTHWEST</b>	
Langdon.....	32	Bowman.....	33
<b>WEST CENTRAL</b>			
Turtle Lake.....	31	Dickinson.....	32
Watford City.....	31	<b>SOUTH CENTRAL</b>	
<b>SOUTHEAST</b>			
		Linton.....	32
		Oakes.....	32
		Wyndmere.....	32

\*Thermometers located 4 inches under bare soil.  
Source: NDAWN, Department of Soil Science, NDSU.

### Livestock Condition

#### North Dakota: Week Ending April 3, 2011

Livestock	Very poor (percent)	Poor (percent)	Fair (percent)	Good (percent)	Excellent (percent)
Cows.....	0	2	20	70	8
Calves.....	0	2	21	69	8
Sheep.....	0	3	19	69	9
Lambs.....	0	3	24	65	8



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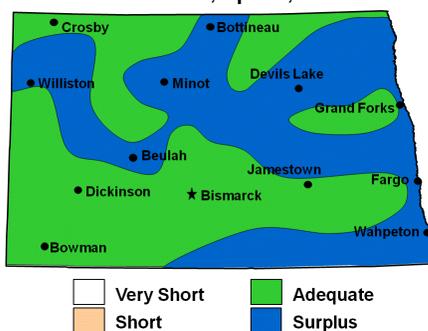
**NORTH DAKOTA CROP WEATHER REPORT, Week Ending April 3, 2011**

**Soil Moisture Supplies  
 North Dakota: April 3, 2011**

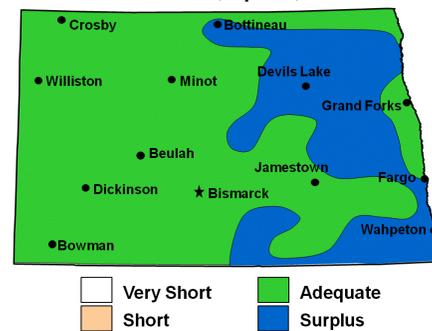
Date	April 3, 2011	March 27, 2011	April 3, 2010	2006-2010 Average
	(percent)	(percent)	(percent)	(percent)
<b>Topsoil</b>				
Very Short ....	0	(NA)	(NA)	(NA)
Short .....	1	(NA)	(NA)	(NA)
Adequate .....	49	(NA)	(NA)	(NA)
Surplus .....	50	(NA)	(NA)	(NA)
<b>Subsoil</b>				
Very Short ....	0	(NA)	(NA)	(NA)
Short .....	1	(NA)	(NA)	(NA)
Adequate .....	63	(NA)	(NA)	(NA)
Surplus .....	36	(NA)	(NA)	(NA)

(NA) Not available

**Topsoil Moisture Supplies  
 North Dakota, April 3, 2011**



**Subsoil Moisture Supplies  
 North Dakota, April 3, 2011**



**Weather:** Temperatures were near normal in the far northeast and southwest and below normal elsewhere. Precipitation was near to below normal across much of the state and above normal in parts of the north central and northeast. Monday was dry with highs in the mid-20s to low 30s. Highs on Tuesday were in the 30s with dry conditions. There were rain and snow showers across the southern and western areas of the state with highs in the mid-30s to mid-40s. Highs on Thursday were in the mid-30s to upper 40s with rain and snow showers in the central and east. Friday was dry with highs in the upper 30s to low 50s. There was rain and snow across the northern and eastern areas of the state on Saturday with highs in the mid-30s to upper 50s. There were rain and snow showers across much of the state on Sunday with highs in the mid-30s to mid-40s.

**Outlook, April 4-10:** Temperatures will be near normal this upcoming week. Precipitation will be near to below normal across much of the state. The best chance for above normal precipitation will be in the west. Highs on Monday will be in the mid-30s to mid-40s with dry conditions. There will be a chance of rain or snow showers across the state on Tuesday with highs in the mid-30s to 40s. Highs on Wednesday will be in the upper 30s to 40s with dry conditions. There will be a chance of showers in the central and west areas on Thursday with highs in the 40s to mid-50s. Highs on Friday will be in the upper 30s to 40s with a chance of rain across the state. There will be a chance of rain or snow in the south on Saturday with highs in the upper 30s to low 50s. Highs on Sunday will be in the mid-40s to low 50s with a chance of rain in the east.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 3, 2011**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 <sup>1</sup>		
	Past Week	Depart Normal <sup>2</sup>	Past Week	Total	Depart Normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest	25	-8	(NA)	(NA)	(NA)
N. Central	21	-9	(NA)	(NA)	(NA)
Northeast (3)	31	0	(NA)	(NA)	(NA)
W. Central	29	-6	(NA)	(NA)	(NA)
Central	24	-10	(NA)	(NA)	(NA)
E. Central(6)	22	-11	(NA)	(NA)	(NA)
Southwest	38	2	(NA)	(NA)	(NA)
S. Central(8)	33	-2	(NA)	(NA)	(NA)
Southeast	27	-7	(NA)	(NA)	(NA)

(NA) Not Available <sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

**Temperature & Precipitation: Districts and Stations  
 North Dakota, Week ending April 3, 2011**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 <sup>1</sup>		
	High	Low	Past week	Total	Depart normal <sup>2</sup>
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells.....	38	10	(NA)	(NA)	(NA)
Williston.....	41	20	(NA)	(NA)	(NA)
Mohall.....	40	7	(NA)	(NA)	(NA)
Minot.....	40	5	(NA)	(NA)	(NA)
(2) Baker.....	37	8	(NA)	(NA)	(NA)
Bottineau.....	38	4	(NA)	(NA)	(NA)
Rugby.....	39	5	(NA)	(NA)	(NA)
(3) Cando.....	37	7	(NA)	(NA)	(NA)
Cavalier.....	53	12	(NA)	(NA)	(NA)
Forest River....	52	22	(NA)	(NA)	(NA)
Grand Forks....	47	16	(NA)	(NA)	(NA)
Langdon.....	46	13	(NA)	(NA)	(NA)
St. Thomas.....	51	23	(NA)	(NA)	(NA)
(4) Hazen.....	42	19	(NA)	(NA)	(NA)
Turtle Lake.....	38	15	(NA)	(NA)	(NA)
Watford City....	43	20	(NA)	(NA)	(NA)
(5) Carrington.....	40	4	(NA)	(NA)	(NA)
Harvey.....	39	5	(NA)	(NA)	(NA)
Jamestown.....	42	7	(NA)	(NA)	(NA)
Robinson.....	40	13	(NA)	(NA)	(NA)
Streeter.....	41	14	(NA)	(NA)	(NA)
(6) Dazey.....	38	7	(NA)	(NA)	(NA)
Fargo.....	43	10	(NA)	(NA)	(NA)
Hillsboro.....	39	-3	(NA)	(NA)	(NA)
(7) Beach.....	56	23	(NA)	(NA)	(NA)
Bowman.....	57	24	(NA)	(NA)	(NA)
Dickinson.....	50	21	(NA)	(NA)	(NA)
Hettinger.....	54	24	(NA)	(NA)	(NA)
(8) Mandan.....	47	21	(NA)	(NA)	(NA)
Linton.....	46	21	(NA)	(NA)	(NA)
(9) Edgeley.....	44	14	(NA)	(NA)	(NA)
Oakes.....	44	13	(NA)	(NA)	(NA)
Wyndmere.....	45	5	(NA)	(NA)	(NA)

(NA) Not Available <sup>1</sup> Precipitation amounts may vary due to an inaccurate snowfall melt. <sup>2</sup> Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.